

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (previously presented): In a multi-shot mold having at least a first shot cavity and a second shot cavity for receiving injected plastic material to form a completed plastic part which is ejected, the improvement comprising:

an indexing plate rotatably mounted on the injection molder injecting the first shot cavity and second shot cavity prior to ejection of the completed plastic part;

wherein the injection molding machine is provided with at least a first shot cavity and a second shot cavity and an ejector station;

wherein the ejector station provides a stripper plate separate from the indexing plate to remain rotationally fixed during rotation of the indexing plate, the stripper plate engaging a molded part at the ejection station to remove the molded part; and

wherein the stripper plate is a cradle that grips a side of the molded part along an axis of movement perpendicular to a plane of rotation of the indexing plate and then moves along the plane of rotation to eject the part.

Claim 2. (cancelled):

Claim 3. (original): The improvement of claim 1, wherein the indexing plate has a first core retainer, a second core retainer, and a third core retainer, each of which is selectively cooperable with the first shot cavity, the second shot cavity and the ejector station.

Claim 4. (original): The improvement of claim 1, wherein the indexing plate is rotatable in 120° increments.

Claim 5. (original): The improvement of claim 1, wherein the injection molding machine further includes a means for incrementally advancing the indexing plate.

Claim 6. (original): The improvement of claim 1, wherein the injection mold is equipped with an extension plate having a pair of guide bars with stops fixed thereon and an ejector plate is slidably mounted on the guide bars.

Claim 7. (previously presented): The improvement of claim 6, wherein the ejector plate supports the stripper plate for stripping completed plastic components from the indexing plate.

Claim 8. (original): The improvement of claim 6, including a limit switch for controlling the travel of the ejector plate.

Claim 9. (original): The improvement of claim 1, wherein the completed plastic components are in the form of over-molded pen barrels.

Claims 10-12. (cancelled)

Claim 13. (previously presented): The improvement of claim 1 wherein the stripper plate engaged the molded part from a direction perpendicular to a plane of rotation of the indexing plate;

in a multi-shot mold having at least a first shot cavity and a second shot cavity for receiving injected plastic material to form a completed plastic part which is ejected, the improvement comprising:

an indexing plate rotatably mounted on the inaction molder injecting the first shot cavity and second shot cavity prior to ejection of the completed plastic part;

wherein the injection molding machine is provided with at least a first shot cavity and a second shot cavity and an ejector station;

wherein the ejector station provides a stripper plate engaging a molded part at the ejection station to remove the molded part;

wherein the stripper plate engages the molded part from a direction perpendicular to a plane of rotation of the indexing plate.